KUTOVSKIY, M.Ya.

Improving the manufacture of leather in plants of various sizes. Kozh.-obuv.prom. 2 no.2:4-7 F '60. (MIRA 13:5)

1. Glavnyy inzhener kozhevennogo zavoda imeni Kominterna.
(Leather industry)

KUTOVSKIY, M. Ya.

Methods of refining chrome leather. Kozh.-obuv.prom.3 no.3:21-23 Mr '61. (MIRA14:6)

1. Glavnyy inzhener kozhevennogo zavoda imeni Kominterna.
(Leather)

LIVYY, G.V., kand.tekhn.nauk; KUTOVSKIY, M.Ya., inzh.; BELOSHTAN, A.P., PETROV, I.S.

"Technology of leather and fur" by N.V. Chernov and others. Reviewed by G.V. Livyi and others. Kozh.-obuv.prom. 3 no.6:36-38 Je '61. (MIRA 14:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti (for Livyy). 2. Kozhevennyy zavod imeni Kominterna (for Kutovskiy). 3. Belorusskiy nauchno-issledovatel'skiy institut tekstil'noy i legkoy promyshlennosti (for Beloshtan). 4. Kalininskiy kozhevennyy zavod "Krasnyy Oktyabr'" (for Petrov).
(Leather) (Fur) (Chernov, N.V.) (Aronina, I.M.)
(Gaidarov, L.P.) (Golovteeva, A.A.) (Strakhov, I.I.)
(Shestakova, I.S.)

KUTOVSKIY, M.Ya.

Mechanization and automatization in the manufacture of chrome leather. Kozh.-obuv.prom. 3 no.8:21-23 Ag '61. (MIRA 14:10)
(Leather industry--Equipment and supplies)
(Automatic control)

KUTOVSKIY, M.Ya.

Use of latexe in the manufacture of chrome leather for shoe uppers. Kozh.-obuv.prom. 4 no.1:32-34 Ja '62. (MIRA 15:3)
(Leather) (Finishes and finishing)

KUTOVSKIY, Mikhail Yakovlevich, inzh.; LIVSHITS, Vladimir Yakovlevich, inzh.; LEPIN, V.N., red.; TELYASHEV, R.Kh., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Recovery of organic solvents in dyeing with nitrocellulose enamel dyes] Rekuperatsiia organicheskikh rastvoritelei pri okraske nitroemaliami, stenogramma lektsii. Leningrad, 1962. 35 p. (MIRA 16:11)
(Dyes and dyeing—Leather) (Solvents)

FRIDLYAND, Aleksandr Adol'fovich; KUTOVSKIY, M.Ya., inzh., retsenzent; DUKHOVNYY, F.N., red.; BATTREVA, G.G., tekhn. red.

[Fundamentals of the mechanical technology of leather manufacture] Osnovy mekhanicheskoi tekhnologii kozhi. Moskva, Gizlegprom, 1963. 261 p. (MIRA 16:12)
(Leather industry)

KUTOVSKIY, M. Ya., inzh.

Use of powderlike chromium extracts in leather manufacture.
Kozh.-obuv. prom. 6 no.12:6-8 D '64 (MIRA 18:2)

AFANAS'YEV, A.V.; [illegible], F.I.; IZYUKHOV, [illegible]; [illegible], A.I.; KUTOVSKIY, M.Ya.; MERKOVA, V.D.

Coating concentrates for leather finishing containing a new synthetic binding agent substituting for casein. Kozh.-obuv. prom. 7 no.8:11-14 Ag '65. (MIRA 18:9)

BTR. KUTOVYY, I.V. Metallography and Primary Structure

5338* **One Case of the Observation of Electron Diffraction From Gaseous Molecules.** (In Russian.) A. I. Andrievskii and I. V. Kutovyi. *Doklady Akademii Nauk SSSR*, new ser., v. 82, Jan. 11, 1952, p. 225-228

Conditions for obtaining the above are described. Examples are illustrated. Data are charted for Cu_2O, CdO, and Cd_2O, on the basis of which crystal-structure parameters for Cd and Cu are tabulated.

KUTOVYY, I.V.

Determination of the molecular structures of the gaseous metal oxides which are formed by electric discharge in gas. A. I. Andrievskii and I. V. Kutovyi. *Nauch. Zapiski L'vov. Politekh. Inst., Ser. Khim.-Tekhnol.* 29, No. 1, 7-13 (1955).—The structures of Cd and Cu oxides were detd. by studying electron diffraction patterns. Electron discharge was obtained in air by using Cd or Cu as cathodes. Cu_2O has a triangular structure with interat. distances, $r_{Cu} = 1.93$ A., $r_{O} = 1.22$ A., with angle 100°. Both Cd_2O and CdO were detected. Cd_2O is linear with $r_{Cd} = 2.60$ A. and $r_{O} = 1.30$ A. In CdO $r_{Cd} = 1.41$ A. Discharge of Ag, Bi, and Pb electrodes in air did not yield diffraction patterns.

Ariadna S. Ocone

KUTOVVY, I.V.

USSR.

Electron diffraction by gas molecules. [illegible] Doklady Akad. Nauk S.S.S.R. 82, [illegible] 1952. When the cathode sputtering of a metal, the electrons leaving the cathode are diffracted by the metal atoms surrounding the cathode. The diffraction patterns of Cu and Cu(OH)2 were obtained in this way. The electron diagrams which were obtained showed that the diffraction was due to gas molecules of CuO and of Cu(OH)2. J. Roster Leach

ANDRIYEVSKIY, A.I.; KUTOVYY, I.V.

Determining the structure of molecules of gaseous metallic oxides formed during an electric discharge in gas. Nauch. zap. LPI no.29: 7-13 '55. (MLRA 9:10)

(Molecules) (Oxides) (Electric discharges through gases)

ANDRIYEVSKIY, A. I.; ANTONOV, I. V.

Electric Discharges Through Gases

"Observation of electron diffraction from gas molecules" Dokl., AN, SSSR 82, No 2, 1952.

L'vovskiy Politekhnicheskiy Institut recd. 23 Jul 51

SO: Monthly List of Russian Accessions, Library of Congress, June 1952, UNCL

KUTOWSKI, A., mgr.inz.

Electric machines produced by the DOLMEL works in Wroclaw.
Wiad elektrotechn 30 no.6:210-211 Je '62.

KUTOZOV, I.

Central market in Kalinin. Sov. torg. no.8:25-27 Ag '56. (MLRA 9:10)

(Kalinin--Markets)

L 1138-66 (A)

ACCESSION NR: AP5023760 UR/0349/65/000/008/0016/0018
631.821

AUTHOR: Sharmakov, Ye. F. (Chief); Kutrov, A. N. (Head agronomist)

TITLE: Liming is the basis for productivity

SOURCE: Zemledeliye, no. 8, 1965, 16-18

TOPIC TAGS: lime, fertilizer, agriculture science, soil property, soil chemistry

ABSTRACT: Data are given on low agricultural productivity prevalent in the Safonovskiy Rayon of the Smolenskaya Oblast due to acid soil, and liming is recommended as a remedy for this situation. Work has been undertaken to improve organization of fertilization and liming of the soil in this territory. Equipment is described which has been designed especially for adding lime to the soil. Winter liming is recommended. More than 7 thousand hectares of soil in this territory were treated with lime in 1964, and it is predicted that the area treated in 1965 will be increased 12.6 thousand hectares.

Card 1/2

L 1138-66

ACCESSION NR: AP5023760

ASSOCIATION: Safonovskoye rayonnoye upravleniye sel'skogo khozyaystva (Safonovo Territorial Industrial Administration of Agriculture)

SUBMITTED: 00 ENCL: 00 SUB CODE: LS, GO

NO REF SOV: 000 OTHER: 000

Card 2/2

KUTRUYEV, A.F. (Chernovtsy)

Treatment of gastric and duodenal ulcer by irradiation of the diencephalon. Klin.med. 37 no.9:138-142 S '59. (MIRA 12:12)

1. Iz kafedry rentgenologii (zav. - prof. R.YA. Gasul') Odesskogo instituta usovershenstvovaniya vrachey i kafedry propedevtiki vnutrennikh bolezney (zav. - kand.med.nauk P.T. Karavayev) Chernovitskogo meditsinskogo instituta (dir. - dotsent M.M. Kovalev).

(PEPTIC ULCER, therapy)
(DIENCEPHALON, radiotherapy)

KUTRUYEV, A. F., CAND MED SCI, "X-RAY THERAPY OF GASTRIC AND DUODENAL ULCERS BY IRRADIATION OF THE DIENCEPHALON." MOSCOW, 1961. (STATE SCI RES X-RAY-RADIOLOGICAL INST OF ~~MZ~~ [MIN OF HEALTH] RSFSR). (KL, 3-61, 233).

BIELICKI, B.; GIELZYNSKI, A.; KUTRZEBSKI, A.

Remote evaluation of results in rehabilitation of paraplegic patients. Chir. narz. ruchu ortop. polska 27 no.2:169-178 '62.

1. Ze Szpitala Chirurgii Kostnej w Konstancinie Kierownik: doc. dr M. Weiss.

(PARAPLEGIA rehabil)

RUDAKOV, V.F.; KUTS, A.F.

Manufactue of heat resistant alkali-free glass tubes. Stek. i ker. 12 no.10:27-29 O '55. (MLRA 9:1)

1.Buchanskiy stekol'nyy zavod.
(Bucha--Glass manufacture)

Diseases of Plants. Fruits. Berries.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20515.

Author : ~~Yu. Kuts.~~ Z.I. Shkarupa
Inst : Dagestan Agricultural Institute.
Title : Dressing the Outside Grape Roots with Boron. (Vnekorneva-yadkormka vinograda borom).

Orig Pub: Tr. Dagestansk. s.-kh. in-ta, 1956, 9, 96-98.

Abstract: Dressing the outer roots of grape vines with a 0.25% solution of boric acid reduced blossom fall in the Riesling variety by 16.3% and in the Rkatsiteli variety by 4.4%. For the Riesling variety the addition in yield was 32 centners per hectare and increased saccharinity 0.48%, for the Rkatsiteli it was correspondingly 36 centners per hectare and 0.22%.

Card : 1/1

KUTS, A.P.

Pneumosinus of the frontal sinuses. Zhur. ush. nos. i gorl. bol. 23 no.6:75-76 N-D '63. (MIRA 17:5)

1. Iz kliniki bolezney ukha, gorla i nosa (zaveduyushchiy - kand. med. nauk I.M. Bakov) Komsomolskogo meditsinskogo instituta.

KUTS, A.P.

Two cases of osteoma of the mastoid region. Zhur.ush., nos. i gorl. bol. 24 no.5:80-82 S-O '64.

(MIRA 18:3)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - dotsent I.M. Rakov) Kemerovskogo meditsinskogo instituta.

KUTS, Anatoliy Stepanovich; MARCHENKO, S.V., redaktor; LUKASH, M.M., tekhnicheskiy redaktor

[Lwov; an economic and geographic description] L'viv; ekonomiko-geografichnyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 81 p. (MLRA 10:5)
(Lwov--Discription)

KUTS, Anatoliy Stepanovich; SHRAG, Nikolay Il'ich; VITVITSKIY, M. [Vitvits'kyi, M.], red.; GRIFF, M., tekhn. red.

[Lvov economic administration region] L'vivs'kyi ekonomichnyi administratyvnyi raion. L'viv, Knyzhnovo-zhurlal'ne vyd-vo, 1958. 117 p. (MIRA 11:7)

(Lvov Economic Region)

KUTS, A. S., inzh.

Laying crossing tracks with four double crossing road switch layouts. Transpstroi 13 no. 11:6-8 N '63. (MIRA 17:5)

KUTS, A.S., inzh.

Installing switches on electrified railroads. Transp. stroi. 14 no.5:8-10 My '64. (MIRA 18:11)

KUTS, F.I.

Expansion of the labor force and labor productivity in the industry of the Ukraine at the period of the first five-year plan (1928-1932). Trudy KTIPP no.20:107-120 '59. (MIRA 13:12)
(Ukraine—Industry)

KUTS, G. A. - Agr Sci -- (diss) "Meat and wool yield of Lincoln - Mikhnovskiy sheep of Liskinskiy Rayon, Voronezhskaya Oblast." Mos, 1959. 14 pp (All-Union Acad Agr Sci im V. I. Lenin. All-Union Sci Res Inst of Animal Husbandry), 150 copies (KL, 45-59, 148)

KUTS, G.A. , aspirant

Meat qualities of Liski sheep. Zhivotnovodstvo 21 no.6:60-62 Je '59. (MIRA 12:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.
(Liski District--Sheep breeds)

KUTS, I.G.

Rod for use with the KA-2 alidade. Geod. i kart. no. 10:41 O '60. (MIRA 13:12)

(Surveying--Instruments)

KLIMENKO, V.A.; KUTS, I.P.

Borhole electromagnet. Sbor.luch.rats.predl. pt.2:59-61 '63. (MIRA 17:5)

1. Primorskoye geologicheskoye upravleniye.

KOMOL'TSEV, Kronid Aleksandrovich; ZAV'YALOV, M.A., kand.tekhn.nauk, retsenzent; KUTS, K.L., inzh., retsenzent; NOVOSEL'TSEV, N.V., red.; POLTEVA, B.Kh., red.izd-va; BACHURINA, A.M., tekhn.red.

[Forest products and lumberyard management] Osnovy lesnogo tovarovedeniia i lesoskladskogo khoziaistva. Moskva, Goslesbumizdat, 1960. 392 p. (MIRA 13:12)
(Forest products) (Lumberyards)

KUTS, L. I.

Coal mining in the Chita Province and prospects for its expansion. Trudy Vost.-Sib.fil.AN SSSR no.21:59-87 '59.

(MIRA 13:9)

(Chita Province--Coal mines and mining)

SUROV, P.N., glav. red.; NEDESHEV, A.A., nauchnyy sotr., otv. za vypusk; ZHERDEV, F.G., red.; KUTS, L.I., nauchnyy sotr., red.; MEL'NIKOV, G.A., red.; AMELIN, N., red.; YURGANOVA, M., tekhn. red.

[Natural resources and prospects for the economic development of Chita Province; materials] Prirodnye bogatstva i perspektivy razvitiia ekonomiki Chitinskoi oblasti; materialy.... Chita, Chitinskoe knizhnoe izd-vo, 1960. 147 p. (MIRA 15:1)

1. Konferentsiya po razvitiyu proizvoditel'nykh sil Vostochnoy Sibiri. Chitinskoye regional'noye soveshchaniye. 2. Chitinskaya kompleksnaya laboratoriya Sibirskogo otdeleniya Akademii nauk SSSR (for Kuts). 3. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Chitinskogo sovnarkhoza (for Zherdev). 4. Direktor kompleksnoy laboratorii Sibirskogo otdeleniya AN SSSR (for Mel'nikov).
(Chita Province--Natural resources)
(Chita Province--Industries)

Kuts, M.

AUTHOR: Kuts, M., Town Inspector of TsSU. 2-3-8/14

TITLE: Composing a City Statistical Reference Book (Opyt sostavleniya statisticheskogo spravochnika goroda)

PERIODICAL: Vestnik Statistiki, 1957, No 3, May-June, pp 61-62 (USSR)

ABSTRACT: The city concerned is Sovetsk (former Tilsit), Kaliningrad oblast'. The city TsSU inspection has composed a reference book for the city, including its historical background. The statistical data were available at the TsSU Town Inspection which systematically registered all developments since 1946, when the Statistical Office (TsSU) and the Rayon Inspections of TsSU were for the first time opened in the Kaliningrad oblast'. The article lists the statistical items included in the reference book without giving any figures.

ASSOCIATION: TsSU Town Inspection of Sovetsk, Kaliningrad oblast' (Gorodskaya inspektura TsSU g. Sovetska Kaliningradskoy oblasti)

AVAILABLE: Library of Congress

Card 1/1

ZVONKOV, Vasiliy Fedorovich, kand.ekon. nauk; KUTS, M.E., nauchn. red.; UDAL'TSOV, O.A., red.

[Role of engineering personnel in the building of communism] Rol' inzhenernykh kadrov v stroitel'stve kommunizma. Leningrad, Ob-vo "Znanie" RSFSR, 1963. 51 p. (MIRA 18:10)

KUTS, Mikhail Konstantinovich; PONOMAREV, Yuriy Timofeyevich; RAUD, V.M., kand. ekonom. nauk, nauchnyy red.; UDAL'TSOV, O.A., red. izd-va; GURDZHIYEVA, A.M., tekhn. red.

[Main sources of the increase of labor productivity in U.S.S.R. industry] Osnovnye istochniki rosta proizvoditel'nosti truda v promyshlennosti SSSR. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 53 p. (MIRA 15:2)
(Labor productivity)

KUTS, M.T.

[Expansion of grain farming in the Ukrainian S.S.R.] Rozvytok zernovoho hospodars'tva v SRSR. Lviv, 1957. 76 p. (MIRA 11:9)
(Ukraine—Grain)

KUTS, F. S.

"Some results on drying peat insulating slabs."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Inst of Heat & Mass Transfer, AS BSSR.

LYUBOCHITS, I.L.; KUTS, P.S.

Effect of the drying method chosen for peat insulating slabs on the drying efficiency. Inzh.-fiz. zhur. 7 no. 3:17-20 Mr '64. (MIRA 17:5)

1. Institut teplo- i massoobmena AN BSSR, Minsk.

VERZHINSKAYA, A.B.; KUTS, P.S.

Dependence of the thermophysical characteristics of drying heat-insulating peat slabs on the moisture content. Inzh.-fiz. zhur. 7 no.8:81-84 Ag '64. (MIRA 17:10)

1. Institut teplo- i massoobmena AN BSSR, Minsk.

L 16336-65 EWT(1)/EED-2 ESD(gs)/ESD(t)/ESD(dp)/ESD/AFWL/ASD(a)-5/AS(mp)-2

ACCESSION NR: AP5000684 S/0181/64/006/012/3723/3725

AUTHORS: Deryugin, I. A.; Kuts, P. S.; Lyashenko, N. I.

TITLE: Comparison of radiation and absorption properties of ferrites

SOURCE: Fizika tverdogo tela, v. 6, no. 12, 1964, 3723-3725

TOPIC TAGS: ferrite, absorption spectrum, radiation spectrum, microwave spectrum, spectroscopic splitting factor, fluctuation dissipation theorem

ABSTRACT: The absorption and radiation properties of ferrites were measured at 9100 Mc using the equipment shown in Fig. 1 of the enclosure. The purpose of the experiments was to establish the relation between the radiation and absorption properties of the ferrites, and to determine the noise levels of ferrite devices by absorption measurements, which are much simpler than radiation mea-

Card 1/4

L 16336-65

ACCESSION NR: AP5000684

surements. The intrinsic electromagnetic radiation of the polycrystalline ferrite samples was registered with the aid of a superheterodyne modulation radiometer with sensitivity 1°K (time constant of output instrument τ = 1 sec) and a transmission bandwidth Δf = 115 Mcs. The samples were spheres with diameter d = 3.6 mm placed in a waveguide section with the aid of a special holder. The tests have demonstrated that the width and line shape of the radiation and emission lines are the same for each sample, and that the spectroscopic splitting factor remains the same in both cases. The results also indicate that, within the limits of experimental accuracy, the radiation abilities of all the samples are proportional to their absorption abilities, thus providing also an experimental verification of the fluctuation-dissipation theorem, first formulated by H. B. Callen et al. (Phys. Rev. v. 83, 84, 1951 and v. 86, 702, 1952). Orig. art. has: 2 figures and 1 formula.

Card 2/4

L 16336-65

ACCESSION NR: AP5000684

ASSOCIATION: Kiyevskiy gosudarstvenny*y universitet im. T. G. Shevchenko (Kiev State University)

SUBMITTED: 24Feb64 ENCL: 01

SUB CODE: EC, SS NR REF SOV: 004 OTHER: 006

Card 3/4

L 16336-65

ACCESSION NR: AP5000684

ENCLOSURE: 01

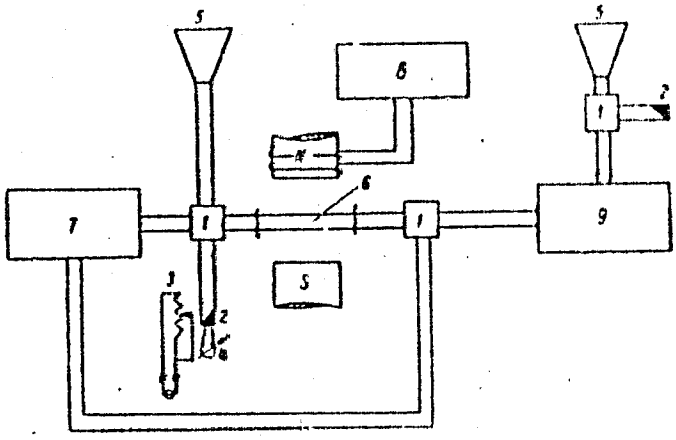

Fig. 1. Block diagram of experimental setup for the measurement of the absorption and radiation of ferrites.

1 - Waveguide switches, 2- equivalent of absolutely black body, 3 - heater, 4 - thermocouple, 5 - horn antennas, 6 - ferrite sample, 7 - radio spectrometer, 8 - magnetic-field control block, 9 - radiometer

Card 4/4

L 51296-65 EEC-4/EPA(s)-2/EEC(k)-2/EWT(d)/EWT(1) Pg-4/Pk-4/Pl-4/Po-4/Pq-4/Pt-7 IJP(c) GG

ACCESSION NR: AP5016414 UR/0120/64/000/006/0093/0095

61
60
B

AUTHOR: Deryugin, I. A.; Kuts, P. S.; Lyutyy, I. N.

TITLE: Increasing the sensitivity of ferromagnetic resonance measurements in a traveling-wave waveguide

9
9A

SOURCE: Pribory i tekhnika eksperimenta, no.6, 1964, 93-95

TOPIC TAGS: ferromagnetic material, ferromagnetic resonance, waveguide

Abstract: The relation is examined between the bandwidth of ferromagnetic resonance of ferrites and the distance between the extrema of the first derivative of the absorption curve. It was vertified experimentally that when recording the first derivative the sensitivity increases by not less than two orders.

The method used for measurement involves a small ferromagnetic sphere placed at the point of spherical polarization of a high-frequency magnetic field in the waveguide.

The broadness of the band, simplicity of computations, and relatively low dependence of the method on the shape and surface condition of the sample distinguishes the waveguide method over the resonator method.

Card 1/2

L 51296-65
ACCESSION NR: AP5016414

Low sensitivity and other deficiencies of the method, as well as means of compensating for them, are discussed. Orig. art. has 9 formulas.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet (Kiev State University)

SUBMITTED: 19Nov63 ENCL: 00 SUB CODE: EC, EM

NO REF SOV: 003 OTHER: 000 JPRS

Card 2/2

L 40921-65 EEC-4/EWD-2/EEC-2/EWT(d)/EWT(1) Pr-4/Pac-4

ACCESSION NR: AP5007306 S/0057/65/035/003/0546/0556

33
31
B

AUTHOR: Deryugin, I.A.; Strishevskiy, V.L.; Kuts, P.S.

21

TITLE: Investigation of the operation of ultrahigh frequency Faraday effect devices under conditions of variable magnetization

SOURCE: Zhurnal tekhnicheskoy fiziki, v.35, no.3, 1965, 546-556

TOPIC TAGS: Faraday effect modulator, ferrite, pulsed magnetic field, relaxation process, relaxation time

ABSTRACT: This paper is concerned with pulsed operation of uhf Faraday effect devices, in particular of uhf modulators consisting of a ferrite rod within and coaxial to a cylindrical waveguide and magnetized by an external solenoid. The authors have previously discussed the distortion of the magnetic field pulse shape due to the skin effect in the waveguide wall (Visnyk Kyivs'kogo derzh.universytetu,ser. fizyky,khimyii, matematyky ta astronomii,1963). In the theoretical part of the present paper they calculate the time dependence of the magnetization induced in the ferrite by the distorted magnetic field pulse by solving the relevant Bloch equation (F.Bloch,Phys.Rev.70,460,1946) and present the results graphically. Ferrite

Card 1/2

L 40921-65

ACCESSION NR: AP5007306 2

modulators were constructed in silver and lanthanum waveguides of various sizes and wall thicknesses with ferrites of different grades; these were operated with (approximately) squar magnetic field pulses of various lengths, and the shapes of the corresponding output pulses were determined. The results are presented graphically and are discussed at some length, although a quantitative comparison with the theory was not possible because the relaxation times of the ferrites used were not known. It is concluded that uhf Faraday effect devices can be successfully operated with magnetizing pulses as short as 1 microsec. "Student I.Zaritskiy participated in the present work." Orig.art.has: 8 formulas, 10 figures and 3 tables.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im.T.G.Shevchenko (Kiev State University)

SUBMITTED: 12Jun64 ENCL: 00 SUB CODE: EC,EM

NR REF SOV: 006 OTHER: 006

Card 2/2 pm

[illegible], [illegible] (Kiev)

[illegible], [illegible] (Kiev) -- "Composite [illegible] Agriculture." [illegible] Sci, [illegible] and [illegible]. (Dissertation for the Degree of Candidate in Technical Sciences).

[illegible]: [illegible], [illegible]

1. ZAKHARIN, A.G.; KUTS, P.V.

2. USSR (600)

4. Electric Circuits

7. Using a single-phase circuit in supplying field machinery with electricity, A.G. Zakharin, P.V. Kuts, Mekh. i elek.sel'khoz, no. 2, 1953.

9. Monthly List of Russian Accessions. Library of Congress, APRIL 1953, Uncl.

LEVIN, M.S.; KUTS, P.V.

The zero-sequence reactance of induction motors. Elektrichestvo '53, No.2, 37-41. (MLRA 6:3)
(EEA 56 no.672:4739 '53)

1. [illegible], F.V.; [illegible], M. .

2. USSR (600)

4. Electric Motors, Induction

7. Starting a three-phase asynchronous short circuited electric [illegible] from single-phase networks of a mixed electric-power distribution system, F.V. [illegible], [illegible] Zalin, Mekh. i elek. sel'khoz. no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, [illegible] 1953. Uncl.

KUTS, P.V., kandidat tekhnicheskikh nauk

Effectiveness of using a mixed system as influenced by conditions of electric power distribution in rural areas. Nauch.trudy VIESKH no.1: 22-36 '54. (MIRA 8:11)

(Electric power distribution)

KUTS, P.V., kand. tekhn. nauk; MOSKALENKO, N.O., inzh.

Results of using single-phase electric tractors. Mekh. sil'. hosp. [8] no.12:13-15 D '57. (MIRA 10:12)
(Tractors) (Electricity in agriculture)

KUTS, T.I., inzh.

New equipment for weaving factories. Tekst.prom. 22 no.6:53-58 Je '62. (MIRA 16:5)

1. Spetsial'noye konstruktorskoye byuro po proyektirovaniyu tkatskogo oborudovaniya Upravleniya mashinostroyeniya Moskovskogo oblastnogo soveta narodnogo khozyaystva.
(Textile machinery)

KUTS, V.

Finance and national income of the U.S.S.R. Fin.SSSR 18 no.11:23-31 N '57. (MIRA 10:12)

(Income)

KUTS, V.

Distribution and redistribution of the national income under socialism. Visnyk AN URSR 28 no.3:18-27 Mr '57. (MLRA 10:5)
(Income)

ZMRNOV, L.; KUTS, V.

Improve accounting for production and calculation of the cost of products. Bukhg. uchet 15 no.2:23-26 F '58. (MIRA 11:3)
(Costs, Industrial) (Accounting)

KUTS, Vladimir, starshiy leytenant, zasluzhennyy master sporta

Training and again training. Starsh.-serzh. no.5:38 My '62.
(MIRA 15:6)

(Military sports)

KUTS, V.I.

Changes in the production costs planning and evaluation of the carrying out of the plans. Sakh. prom. 37 no.4:41-44 Ap '63. (MIRA 16:7)

1. Odesskiy tekhnologicheskiy institut im. M.V. Lomonosova. (Sugar industry—Costs)

KUTS, Valentina Il'inichna; LELNOVA, G.K.

[Analysis of the economic activity of enterprises in the sugar industry] Analiz khozyaistvennoi deiatel'nosti predpriiatii sakharnoi promyshlennosti. Moskva, Pishcheprom-izdat, 1962. 177 p. (MIRA 16:11)
(Sugar industry)

KUTS, V. K.

AUTHOR: Kuts, V.K., Candidate of Economical Sciences 3-12-18/27

TITLE: The Institute Helps Kolkhozes (Institut pomogayet kolkhozam)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 12, pp 79 - 80 (USSR)

ABSTRACT: The Odessa Institute of Credit and Economics helped the kolkhozes to improve their financial and productive activity, in accordance with a scientific plan established in 1956/57. The chairs of this institute carried out various practical tasks in this connection. So, for instance, the chair of bookkeeping (Accountancy) conducted by L.S. Zernov and M.D. Polinov determined the actual production cost in three kolkhozes in the Odessa district, permitting to improve the organization of expenses and to ensure proper ways of production cost calculations. The chair also computed a plan of production costs for kolkhozes in the Tatarbunar area.

The chair of financial operations last year investigated the practice of short term credits and loans to the district kolkhozes. Suggestions of improvement on this subject were made at a scientific conference at Kiyev by the institute workers and the State Bank. The Bank authorised its local branches to grant the kolkhozes credits to raise their production.

Card 1/2

The Institute Helps Kolkhoses 3-12-18/27

Beginning with 1957 the Institute began training highly qualified accountants. About 175 students are trained in the section of "Accountancy in Agriculture".

ASSOCIATION: The Odessa Institute of Credit and Economics (Odesskiy kreditno-ekonomicheskiy institut)

AVAILABLE: Library of Congress

Card 2/2

TEREZHCHENKO, I.P.; MOSKVIN, O.I.; DARAGAN, M.V.[Darahan, M.V.]; ANISIMOV, V.P.; YARMOLINSKIY, M.R.[IArmolyns'kyi, M.R.]; BULGAKOV, P.S.[Bulhakov, P.S.]; KUTS, V.K.; KASHIUK, A.V.; VASILENKO, G.K.[Vasylenko, H.K.]; KUKOLEV, V.D.[Kukoliev, V.D.]; SIGOV, S.G.[Sihov, S.H.,deceased]; NAGIRNYAK, P.A. [Nahirniak, P.A.]; VETCHINOV, I.A.[Vietchynov, I.A.]; ZADOROZHNYY, V.K.; DROBOVSKAYA, L.I.[Drobovs'ka, L.I.]; SHKITINA, M.I.; PROSHCHAKOV, O.M.; MOKIYENKO, B.F. [Mokiienko, B.F.]; GOLOVACH, A.V.[Holovach, A.V.]; IVANITSKIY, I.V.[Ivanyts'kyi, I.V.]; KOZAK, V.Ye.; BORYAKIN, V.M., red.izd-va; NESTERENKO, O.O., glav. red.; DAKHNO, Yu.B., tekhn. red.

[National income of the Ukrainian S.S.R. during the period of the large-scale building of communism] Natsional'nyi dokhod Ukrains'koi RSR v period rozhornutoho budivnytstva kommunizmu. Red.kol.: O.O.Nesterenko ta inshi. Kyiv, Vyd-vo AN URSR, 1963. 333 p. (MIRA 16:12)

1. Akademiya nauk URSR, Kiev. Instytut ekonomiky.
(Ukraine--Income)

MISHCHENKO, V.S.; KUTS, V.P.

Comparative characteristics of the geochemistry of beryllium in two granite intrusions in the [illegible] Dokl. Akad. Nauk SSSR no. 1[illegible]1439-1449 [illegible] '65 (MIRA 18:1)

1. Institut geologicheskikh nauk [illegible] SSSR, [illegible] July 16, 1964.

L 02136-67 EWT(1)/FCC GW

ACC NR: AP6035993 SOURCE CODE: UR/0021/66/000/006/0788/0791

25
B

AUTHOR: Kuts, V. P.

ORG: Institute of Geological Sciences, AN URSR (Instytut geologichnykh nauk AN URSR)

TITLE: Peculiarities of gallium content in Azov area granites

SOURCE: AN UkrRSR. Dopovidi, no. 6, 1966, 788-791

TOPIC TAGS: petrology, geochemistry

ABSTRACT: A gradual increase of gallium content from older to younger formations was found in Azov area granites consisting of biotitic, amphibolobiotitic, bimicaceous and aplito-permatoid varieties. In the same direction there is a decrease in the gallium-aluminum ratio (from 4,400 to 1,000). The maximum gallium content is noted in albitized and greisenized granite areas. The average gallium content in Azov area granites is 0.0033%. This paper was presented by Academician AN UkrSSR M. P. Semenenko. Orig. art. has: 1 table. [JPRS: 37,058]

SUB CODE: 08 / SUBM DATE: 13Mar65 / ORIG REF: 006

Card 1/1

ZAYATS, A.P.; KUTS, V.I.

Rare earth elements in the accessory minerals of gneisses in the Ukrainian Crystalline Shield. Geokhimiia no.11:1209-1211 N '64. (MIRA 18:8)

1. Institut geologicheskikh nauk AN UkrSSR, Kiyev.

KUTE, V.P.

Accessory lithium and rubidium in the minerals of pegmatites in the central and eastern parts of the region of the Sea of Azov. Geol. zhur. 24 no.5:76-81 '64. (MIRA 17:12)

1. Institut geologicheskikh nauk AN UkrSSR.

FOMIN, A.B. [Fomin, O.B.]; KUTS, V.P.; OKLOVA, L.A.

Characteristics of the gallium accumulation in the rocks of the October and Yelanchikskiy Massifs. Dop. AN UkrSSR no.1:78-80 '65. (MIRA 18:2)

1. Institut geologicheskikh nauk AN UkrSSR. Predstavleno akademikom AN UkrSSR N.P. Semenenko [Semenenko, M.P.].

IVANTISHIN, Mikhail Nikoaleyvich[Ivantyshyn, M.M.]; ZAYATS, Aelita Petrovna[Zaiets', A.P.]; KUTS, Vladimir Pavlovich; POVARENNYKH, O.S., prof., otv. red.; BYCHKOVA, R.I., red.; LUKASHENKO, T.Z., red.

[Accessory rare minerals and dispersed elements in metamorphic rocks of the Ukrainian crystalline shield] Aktsesorni ridkisni mineraly ta rozsiiani elementy v metamorfichnykh porodakh ukrains'koho krystalichnoho shchyta. Kyiv, Naukova dumka, 1965. 69 p. (MIRA 18:9)

KUTS, V.P.

Dietetic canned food manufactured in the Hungarian People's Republic. Kons.i ov. prom. 15 no.6:39-40 Je '60. (MIRA 13:9)

1. Issledovatel'skiy institut konservnoy i pryano-pertsovoy promyslennosti.
(Hungary--Food, Canned) (Hungary--Diet in disease)

KUTS, V.P.

Sulfitation and desulfitation of raw food products in the Hungarian People's Republic. Kons.i ov.prom. 15 no.8:40-42 Ag '60.(MIRA 13:8)

1. Issledovatel'skiy institut konservnoy i pertsovoy promyshlennosti Budapesht.
(Hungary--Canning and preserving)

PROTCHENKO, A.P.; KUTS, V.P.

Iron content and refraction indices of biotites from various granitoids in the Ukrainian Crystalline Shield. Geol.zhur. 22 no.6:59-68 '62. (MIRA 16:2)

1. Institut geologicheskikh nauk AN UkrSSR.
(Dnieper Valley--Biotite--Analysis)

KUTS, V.P.; FOMIN, A.B. [Fomin, O.B.]; TSYBKIN, I.P.

Some characteristics of the behavior of lithium and rubidium in sedimentary rocks of the Ukraine. Dop. AN URSR no.2: 235-238 '65. (MIRA 18:2)

1. Institut geologicheskikh nauk AN UkrSSR.

KUTS, V.S., gornyy inzh.; MOROZOV, G.A., inzh.-elektromekhanik

Result of attaching a compressor to the BMP-115 rig. Gor.zhur. no.5:71 My '62. (MIRA 16:1)

1. Goroblagodatskoye rudoupravleniye, g. Kushva, Sverdlovskoy obl.

(Boring machinery--Equipment and supplies)
(Air compressors)

PEN'KOVSKIY, V.V.; KUTS, V.S.

Interaction of polyphenylacetylene with electron-acceptor molecules. Teoret. i eksper. khim. 1 no.2:254-259 Mr-Ap '65. (MIRA 18:7)

1. Institut fizicheskoy khimii imeni L.V.Pisarzhevskogo AN UkrSSR, Kiyev.

KUTSABA, Stanislav. Cand Agr Sci -- (diss) "Conditions of ~~the~~ fertility of soils ~~of the the~~ spruce-type forests growing on ~~the~~ carbonaceous and non-carbonaceous rocks of Leningradskaya Oblast." Len, 1957. 18 pp (Min of Higher Education USSR. Len Order of Lenin Forestry Engineering Acad im S. M. Kirov), 100 copies (KL, 6-58, 101)

KUTSAK, I. G., inzh.

Design of a ~~through-type~~ shut-off valve with a back sealing rod. Energomashinostroenie 8 no.12:37 D '62.
(MIRA 16:1)

(Boilers) (Steampipes)

KUTSAK, I.M. agronom; ZELINSKIY, A.A. [Zelins'kyi, A.A.]; SHAPOVALOV, P.T.; KLYAVIR, I.Yu.

Over-all mechanization of sugar beet growing. Mekh. sil'. hosp. 9 no.1:18-21 Ja '58. (MIRA 11:2)

1. Kolgosp im. Chapayeva, Zhashkivs'kogo rayonu, Cherkas'koi oblasti (for Kutsak). 2. Vsesoyuzniy naukovo-doslidniy institut tsukrovikh buryakiv (for Zelins'kiy, Shapovalov, Klyavir).
(Sugar beets) (Agricultural machinery)

Investigation of the Claus process. D. V. Bezuglyi and F. M. Kutsakov. *Khim. Khim. Zhur.* 11, 355 (1938) (in German 357) (1938). The oxidation of H_2S to S in a circular Claus oven was studied [illegible] the field of view of gas speed, excess air and [illegible] and structure of the bauxite catalyst. The optimum gas speed was 25 cu. m. per hr., coeff. of excess air may vary from 0.9 to 1.1, the used Tikhvinsk bauxite was satisfactory, the size of the catalyst (1.5 cm.) had no effect on the process. Compn. of gas was: H_2S 20, CO_2 65, NH_3 5%. Yield was about 92% S, 8% SO_2 and 10% H_2S. The bauxite acts not only as a catalyst, but when used in thick layers (1.4 cm.) [illegible] to equalize the reaction [illegible] variations in all comp[illegible]

Catalytic oxidation of hydrogen sulfide on active coal. D. V. Bezuglyi and F. M. Kutsakov. *Ukrain. Khim. Zhur.* 12, 26-32 (in English 32-3) 1937. Lab. and large-scale expts. on the oxidation of H_2S on active coal were performed at low and high temps. with H_2S gas of low and high concns., resp. In the former case, the S condensed on the coal surface and reduced the activity of the catalyst. In the latter case, the S was condensed beyond the catalyst and the process proceeded continuously. However, the active coal burns down easily. Therefore, for large-scale catalysis of gas mixt. of an irregular flow, the use of active coal as a catalyst is not suitable. B. Z. Kamich

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

2

CA

The reciprocal system $Ba(SH)_2 + 2NaCl = BaCl_2 + 2NaSH$. D. V. Berezhyi and F. M. Kutsakov. *J. Chem. Ind.* (U. S. S. R.) 16, No. 2, 37-40(1939).—NaHS is best prepd. by passing H_2S into NaOH soln. until phenolphthalein gives no color, then evapg. the soln. in a vacuum at 60-80° and allowing it to stand for 2-3 days at room temp. for crystn. The NaHS is very hygroscopic. Its soly. at 20° is 42%. $Ba(SH)_2$ is obtained by salting out from its soln. with NaHS, or, in smaller yield, by pptg. with KOH. At 90° the equil. system NaHS-NaCl-H_2O contains 56.8% NaHS and 2.08% NaCl; the system NaHS-$Ba(HS)_2$-H_2O contains 40.45% NaHS and 0.15% $Ba(HS)_2$ and the system $Ba(SH)_2$-$BaCl_2$-H_2O contains 22.3% $Ba(SH)_2$ and 14.0% $BaCl_2$. The phase-rule diagram at 90° for the reciprocal system of all the salts is constructed and used to derive conditions for pptg. $BaCl_2$ from the mixt. To get max. pptn. of $BaCl_2$ the initial soln. must contain 36% $Ba(SH)_2$. This concn. can be obtained only by satg. a soln. contg. 17.9% $Ba(SH)_2$ and 14% BaS with H_2S. H_2S can be obtained by treating $NaHCO_3$ with NaSH, and the Na_2CO_3 also formed in this reaction can be used to ppt. $BaCO_3$ from the $BaCl_2$ mother liquors. The process gives 340 kg. $BaCl_2$ and 300 kg. $BaCO_3$ per ton of barytes used. H. M. Leicester

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

Kutsakov, F.M.

5

21

Inducing crystallization in chemical reactions by rubbing. F. M. Kutsakov (V. I. Lenin Polytech. Inst., Kharkov). ~~Zhur. Obsch. Khim.~~ 11, 636-7(1956).—With 11 different solns. to which appropriate ppt'g. solns. were added attempts were made to induce crystal formation by placing a small vol. of the soln. in test tubes or on plates made of a variety of materials and rubbing the solns. with rods or tubes made of different materials. The rubbing was done at various speeds and pressures. M. Hosch

Chem

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920007-5"

KUTSAKOVA, V.Ye.; ROMANKOV, P.G.; RASHKOVSKAYA, N.B.

Some kinetic correlations for the process of spray drying in a fluidized bed. Zhur. prikl. khim. 37 no.9:1971-1977 S '64. (MIRA 18:1)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

KUTSAKOVA, V.Ye.; ROMANKOV, P.G.; RASHKOVSKAYA, N.B.

Some kinetic regularities of the process of drying in a fluidized bed. Zhur. prikl. khim. 36 no.10:2217-2224 O '63. (MIRA 17:1)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

L 38561-65 EWT(m)/EPF(c)/EWP(j)/T/EWP(t)/EWP(b) Pc-4/Pr-4 JD/RM
ACCESSION NR: AP5011045 UR/0080/64/037/010/2223/2228

34
B

AUTHOR: Kutsakova, V. Ye.; Romankov, P. G.; Rashkovskaya, N. B.

TITLE: Certain kinetic regularities of drying in a fluidized and turbulent bed

SOURCE: Zhurnal prikladnoy khimii, v. 37, no. 10, 1964, 2223-2228

TOPIC TAGS: chemical drying, chemical kinetics, polymer, chemical engineering

Abstract: A method of designing conical dryers which were successfully used in drying polydisperse materials (including polymers) is presented. In the calculation a kinetic equation was used which was obtained by generalizing experimental data on the drying of the styrene copolymers. The experiments showed that when polymers are dried in a fluidized bed the temperature of the vented air and the dried material are practically equal. Therefore the temperature of the air was assumed to be 70°. It can be concluded that conical equipment can have an efficiency equal to that of cylindrical equipment, or even higher. Orig. art. has 20 formulas and 1 table.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut imeni Lensoveta (Leningrad Technological Institute)

Card 1/4

USSR/Mineral Industries
Mines and Mining

Aug 1947

"Rapid Preparations of Cuts for Clearing Excavations," I. A. Kutsakovskiy, D. P. Tovstenovskiy I. P. Dondarenko, 3 pp

"Gornyy Zhurnal" No 8

Description of work done by I. A. Kutsakovskiy's crew in exploiting blocks o and 8 of shaft imeni Kirov. Tabular record of fullfillment of norms for 1947 on an average of 165 percent.

17174

L 45791-66 EWT(1)/T/EWT(m)/EWP(k)/EWP(t)/ETI IJP(c) HW/JH/JD
ACC NR: AP6030153

SOURCE CODE: UR/0120/66/000/004/0171/0173

AUTHOR: Kutsar, A. R.

ORG: TsNII Ferrous Metallurgy, Moscow (TsNII chernoy metallurgii)

47
B

TITLE: Measuring the compressibility of solids up to 25 kbar by means of resistance strain gages

SOURCE: Pribory i tekhnika eksperimenta, no. 4, 1966, 171-173

TOPIC TAGS: compressibility, strain gage, metal crystal, COMPRESSIVE STRENGTH

ABSTRACT: Compressibility of several metals was measured by a bonded wire strain gage having a nominal resistance of 100 ohms. The data for Al, Ti, Ni, Cu, Bi measured by this method with an error of 2--3% practically agrees with the well-known P. W. Bridgman's data measured by a piezometer and electric micrometer. The strain-gage method was also used to determine the effect of pressure and temperature on the volume of an equiatom-composition FeRh alloy; the latter underwent a phase transition at 80C and 1 atm. The author wishes to thank V. Ya. Agaronik for his help in the work. Orig. art. has: 2 figures, 8 formulas, and 1 table. [03]

high pressure

SUB CODE: 20, 13 / SUBM DATE: 27Nov65 / ORIG REF: 004 / OTH REF: 007/ ATD PRESS: 5084

Card 1/1 UDC: 539.89

L 45766-66 EWP(k)/EWT(m)/EWP(t)/ETI IJP(c) JD/HW/JG
ACC NR: AP6030666 SOURCE CODE: UR/0020/66/169/006/1318/1319

AUTHOR: Kutsar, A. R.; Ponyatovskiy, Ye. G.

ORG: Institute of Metal Science and Metal Physics, Central Scientific-Research Institute of Ferrous Metallurgy (Institut metallovedeniya i fiziki metallov Tsentral'nogo nauchno-issledovatel'skogo instituta chernoy metallurgii)

33
B

TITLE: The compressibility and the phase transition diagram of chromium

17

SOURCE: AN SSSR. Doklady, v. 169, no. 6, 1966, 1318-1319

TOPIC TAGS: chromium, phase transition, polycrystal, metal physical property, metal compressibility

ABSTRACT: The authors present the results of measurements of the compressibility of chromium, obtained by the tensometric method under hydrostatic pressure to 20 kbar (polycrystal specimen with granular size of 2-3mm). The hydrostatic pressure was maintained by means of a high-pressure booster with a working channel 16 mm in diam, with gasoline as the pressure-transfer fluid, and measured by a manganin manometer with an accuracy of ±150 bar. The temperature was measured by a chromel-alumel thermocouple with an accuracy of ±1C.

Card 1/3 UDC: 536.764

L 45766-66
ACC NR: AP6030656

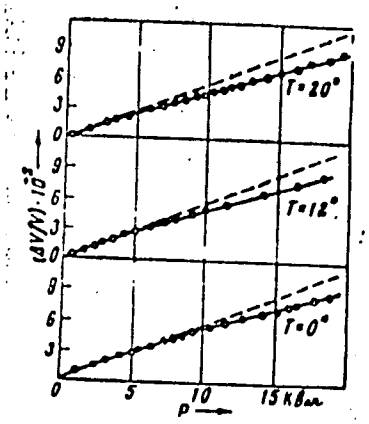

Figure 1. Chromium compression ratio $\Delta V/V$ as a function of pressure. The thin line depicts compression of iron.

Figure 1 shows chromium isothermic compression curves at 0°, 12, and 20C, with a compression curve of pure iron included for comparison. A distinct anomaly is observed: a compressibility jump at the Neel point. The pressure lowers the Neel point from 38C at P = 0 to 0°C at P = 8 kbar. Also observed in the transformation region is a $1 \cdot 10^{-4}$ volumetric hysteresis, which may be explained by the internal stresses arising in the polycrystal in the phase transition. Antiferromagnetic phase compressibility is $-5.9 \cdot 10^{-7} bar^{-1}$, which is approximately equal to the compressibility of iron. The paramagnetic phase has a substantially lower compressibility, $-4.9 \cdot 10^{-7} bar^{-1}$. Figure 2 shows the P-T diagram of the antiferromagnetic chromium transformation, indicating an almost linear decrease in the Neel point with pressure and an inclination of the equilibrium line to the pressure axis of $-4.9 \cdot 10^{-3} \pm 0.2$ deg·bar^{-1} which is in good agreement with the $-5.1 \cdot 10^{-3}$

Card 2/3

L 45766-66
ACC NR: AP6030656

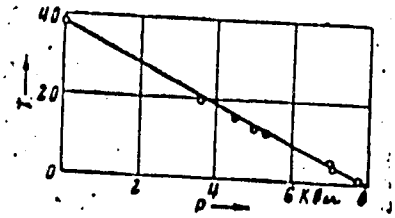

Figure 2. A shift in chromium Neel point as a function of pressure.

±0.2 deg·bar^{-1} obtained elsewhere (T. Mitsui, C. T. Tomizuka, Phys. Rev., 137, 564 (1965)). The paper was presented by Academician G. V. Kurdyumov 3 Dec 65. Orig. art. has: 2 figures. [26]

SUB CODE: 11/ SUBM DATE: 24Nov65/ ORIG REF: 002/ OTH REF: 007/
ATD PRESS: 5084

Card 3/3

KUBLANOV, D.

"District radio exhibition of the voluntary Civil Defence Organization in Turnovo." Vol. 3, No. 5/6, 1954, p.11 Radio, Sofiya.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

KITOAK Y, L.

Preparation of Radio Operators of the "C" Class. R.o (radio), #7:9:Jul 54

KHIZAROV, E., inzh.

Exhibition of regulating, measuring, and controlling apparatus. Vsesoiuznostroene 13 no.4:44-46 Ap '64.